

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A construction machine refueling system, comprising:
a detector that is provided in a construction machine and is configured to detect a residual fuel amount of the construction machine;
a positional information detector that is provided in the construction machine and is configured to detect positional information of the construction machine;
a construction machine side transmitter that is provided in the construction machine and is configured to (1) obtain information relating to the residual fuel amount detected by the detector, and (2) transmit the information relating to the residual fuel amount and the detected positional information to a base station when a determination is made that the residual fuel amount is less than a specified value based on the obtained information relating to the residual fuel amount;
a base station side receiver that is provided at the base station, is connected with the construction machine side transmitter through a specific communication means, and is configured to automatically receive the information relating to the residual fuel amount and the detected positional information transmitted from the construction machine side transmitter;~~and~~
a base station side transmitter that is provided at the base station and is configured to (1) obtain the information relating to the residual fuel amount and the detected positional information received by the base station side receiver, and (2) transmit information relating to a request of refueling the construction machine and the detected positional information ~~to a tie-up station side device provided at a tie-up station for refueling the~~

construction machine, based on the obtained information relating to the residual fuel ~~amount,~~
amount and the detected positional information; and

a tie-up station side device that is provided at the tie-up station, is connected
with the base station side transmitter through a specific communication means, and is
configured to receive the information relating to the request for refueling the construction
machine and the detected positional information transmitted from the base station side
transmitter,

wherein the tie-up station side device performs processing to determine a
refueling vehicle is to be dispatched by the tie-up station to the construction machine and an
order in which the refueling vehicle is to be dispatched to the construction machine to refuel
the construction machine in response to the request for refueling, of refueling, based on the
received positional information and management data from the tie-up station.

2-4. (Canceled)

5. (Previously Presented) A construction machine refueling system according to
claim 1, wherein the base station side transmitter is further configured to transmit the
information relating to the residual fuel amount received by the base station side receiver to a
user side receiver that is provided at a user side of the construction machine.

6. (Currently Amended) A construction machine refueling system, comprising:
a detector that is provided in a construction machine and is configured to
detect a residual fuel amount of the construction machine;

a positional information detector that is provided in the construction machine
and is configured to detect positional information of the construction machine;

a construction machine side transmitter that is provided in the construction
machine and is configured to (1) obtain information relating to the residual fuel amount

detected by the detector, and (2) transmit the obtained information relating to the residual fuel amount and the detected positional information to a base station;

a base station side receiver that is provided at the base station, is connected with the construction machine side transmitter through a specific communication means, and is configured to receive the information relating to the residual fuel amount and the detected positional information transmitted from the construction machine side transmitter;

a determination unit that is provided at the base station that is configured to (1) obtain the information relating to the residual fuel amount received by the base station side receiver, and (2) determine whether or not the received residual fuel amount is lower than a specified value based on the obtained information relating to the residual fuel amount;~~and~~

a base station side transmitter that is provided at the base station and is configured to (1) obtain determination results from the determination unit, and (2) transmit information relating to a request of refueling the construction machine and the detected positional information ~~to a tie-up station side device provided at a tie-up station for refueling the construction machine when it is determined that the received residual fuel amount is lower than the specified value, value; and~~

a tie-up station side device that is provided at the tie-up station, is connected with the base station side transmitter through a specific communication means, and is configured to receive the information relating to the request for refueling the construction machine and the detected positional information transmitted from the base station side transmitter,

wherein the tie-up station side device performs processing to determine a refueling vehicle is to be dispatched by the tie-up station to the construction machine and an order in which the refueling vehicle is to be dispatched to the construction machine to refuel

the construction machine in response to the request ~~for refueling~~ of refueling, based on the received positional information and management data from the tie-up station.

7. (Canceled)

8. (Currently Amended) A construction machine refueling system, comprising:
a transmitter that is provided in a construction machine and is configured to transmit information relating to refueling;

a receiver that is provided at a place far from the construction machine, is connected with the transmitter through a specific communication means, and is configured to receive the information relating to refueling transmitted from the transmitter of the construction machine;

refueling station devices respectively provided at a plurality of refueling stations;

a selector that is configured to (1) obtain the information relating to refueling received by the receiver and (2) select an optimum refueling station from a plurality of refueling stations based on the obtained information relating to refueling and a predetermined criteria; and

a communications device that is configured to (1) obtain information relating to the refueling station selected by the selector and (2) communicate with a refueling station device provided at the refueling station selected by the selector to request refueling of the construction machine by the selected refueling station,

wherein the refueling station device is configured to perform processing to determine whether there is a request for refueling of the construction machine and to output an instruction to a refueling vehicle is to be dispatched by the refueling station to the construction machine to refuel the construction machine ~~in response to~~ if there is the request ~~for refueling~~ refueling of the construction machine.

9. (Canceled)

10. (Previously Presented) A construction machine refueling system according to claim 8, wherein the predetermined criteria is based on a residual fuel amount transmitted from the construction machine.

11. (Previously Presented) A construction machine refueling system according to claim 8, wherein the predetermined criteria is based on data relating to the plurality of refueling stations stored in a specified database.

12. (Previously Presented) A construction machine refueling system according to claim 11, wherein the predetermined criteria is based on location information for the refueling stations stored in the database.

13. (Previously Presented) A construction machine refueling system according to claim 11, wherein the predetermined criteria is based on fuel unit cost information for the refueling stations stored in the database.

14. (Previously Presented) A construction machine refueling system according to claim 1, further comprising:

a refueling information receiver that is configured to receive refueling information including an amount of fuel to be supplied to the construction machine;

an invoice creating unit that is configured to (1) obtain the refueling information received by the refueling information receiver and (2) create an invoice based on the refueling information received by the receiver; and

an invoice transmitter that is configured to (1) obtain the invoice created by the invoice creating unit and (2) transmit the obtained invoice to a customer side device of a customer.

15. (Previously Presented) A construction machine refueling system according to claim 14, wherein the refueling information receiver receives the refueling information transmitted from the construction machine.

16. (Currently Amended) A construction machine refueling system according to claim 8, ~~wherein~~ wherein:

the information relating to refueling received by the receiver includes information relating to a position of the construction machine; and

the communications device is configured to send the information relating to a position of the construction machine with the request for refueling of the construction machine to the refueling station device provided at the selected refueling station.

17-19. (Canceled)